FIG. 1

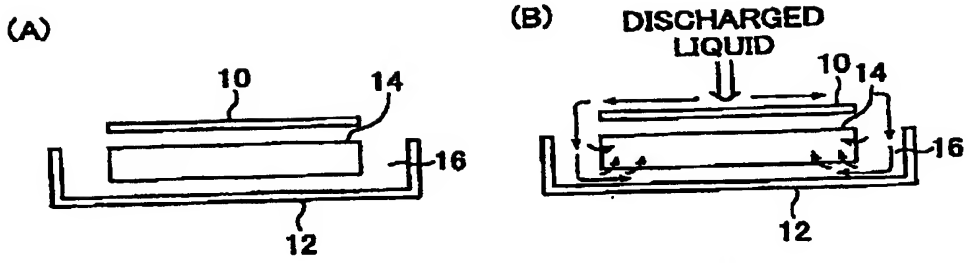

(A)
10
14
16
12
(B)
DISCHARGED LIQUID
10
14
16
12

FIG. 2

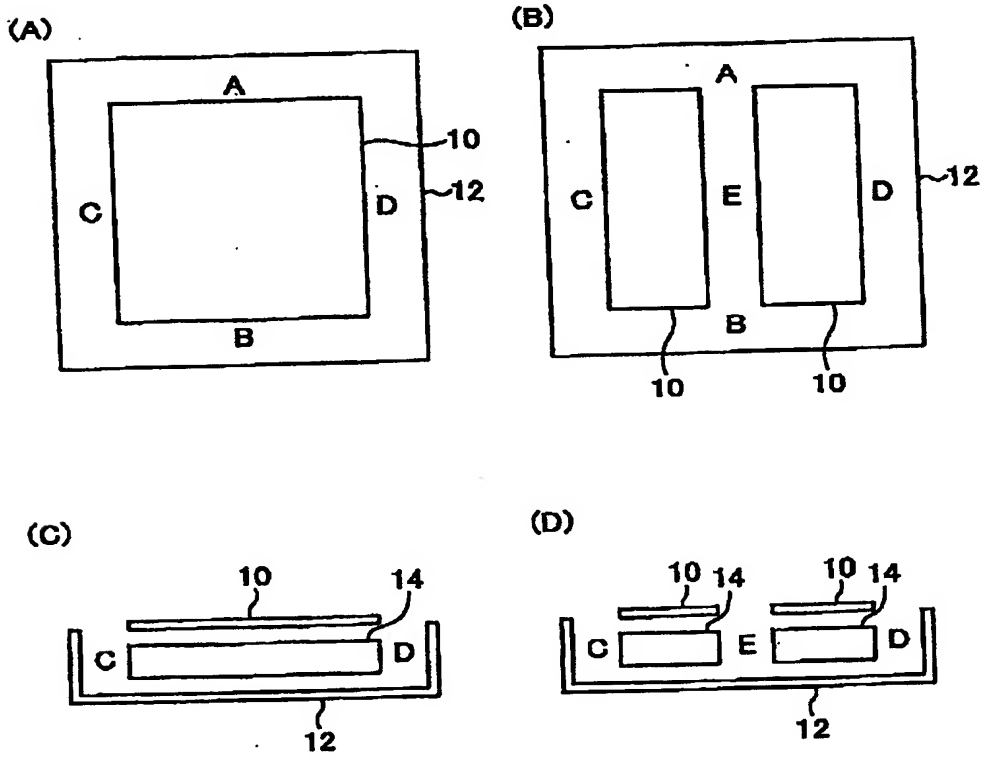

(A)
A
10
C
D
12
B
(B)
A
C
E
D
12
B
10
10
(C)
10
14
C
D
12
(D)
10
14
10
14
C
E
D
12

FIG. 3

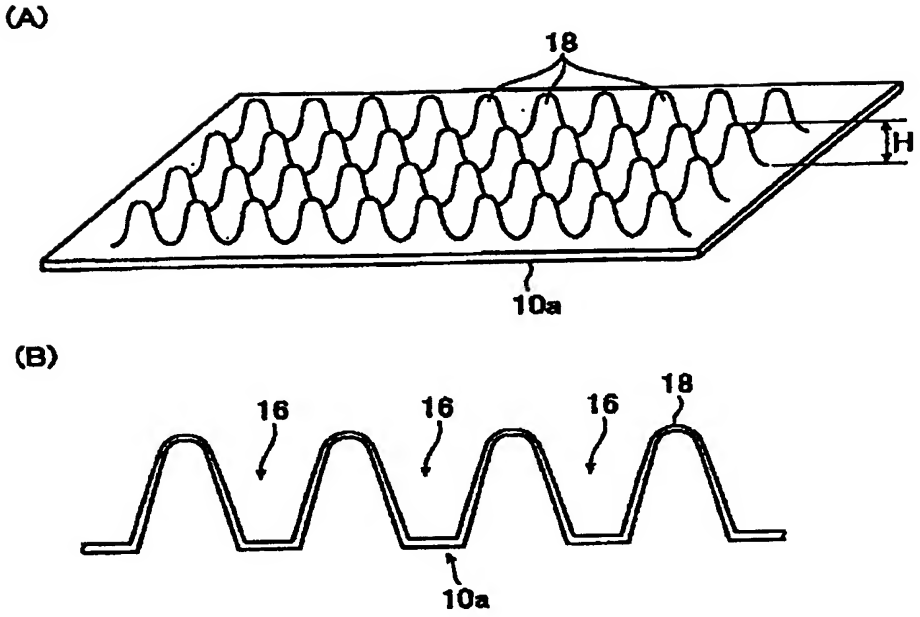


FIG. 4

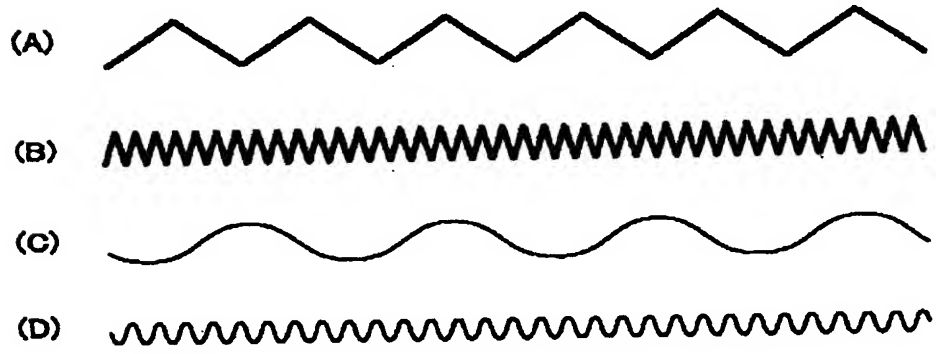
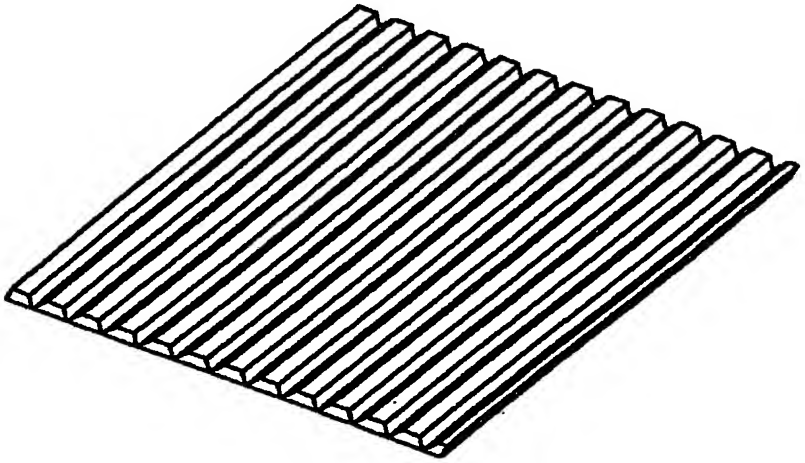


FIG. 5

(A)



(B)

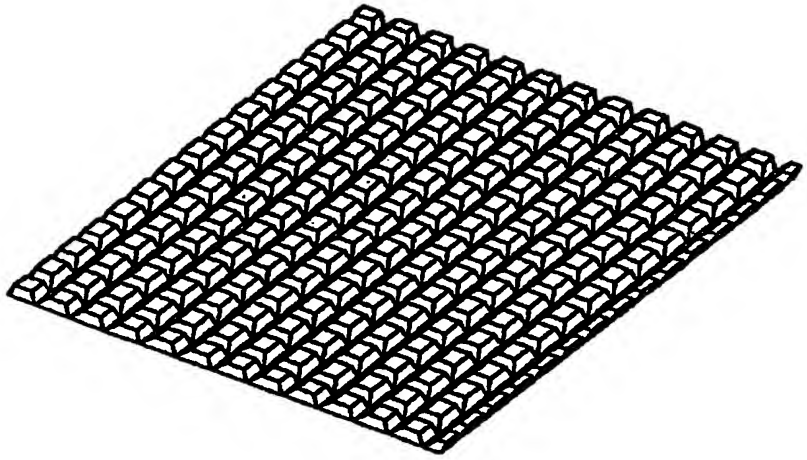


FIG.6

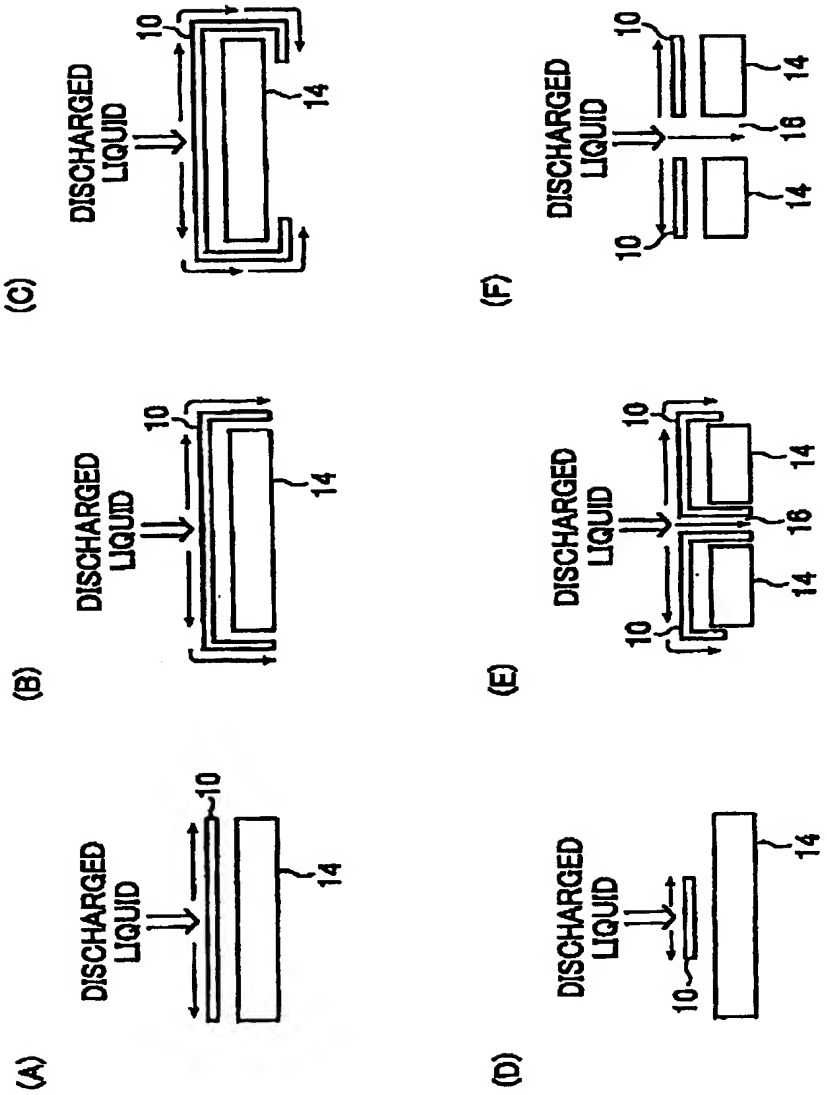

(A)
DISCHARGED LIQUID
10
14
(B)
DISCHARGED LIQUID
10
14
(C)
DISCHARGED LIQUID
10
14
(D)
DISCHARGED LIQUID
10
14
(E)
DISCHARGED LIQUID
10
16
14
10
14
(F)
DISCHARGED LIQUID
10
16
14
10
14

FIG. 7

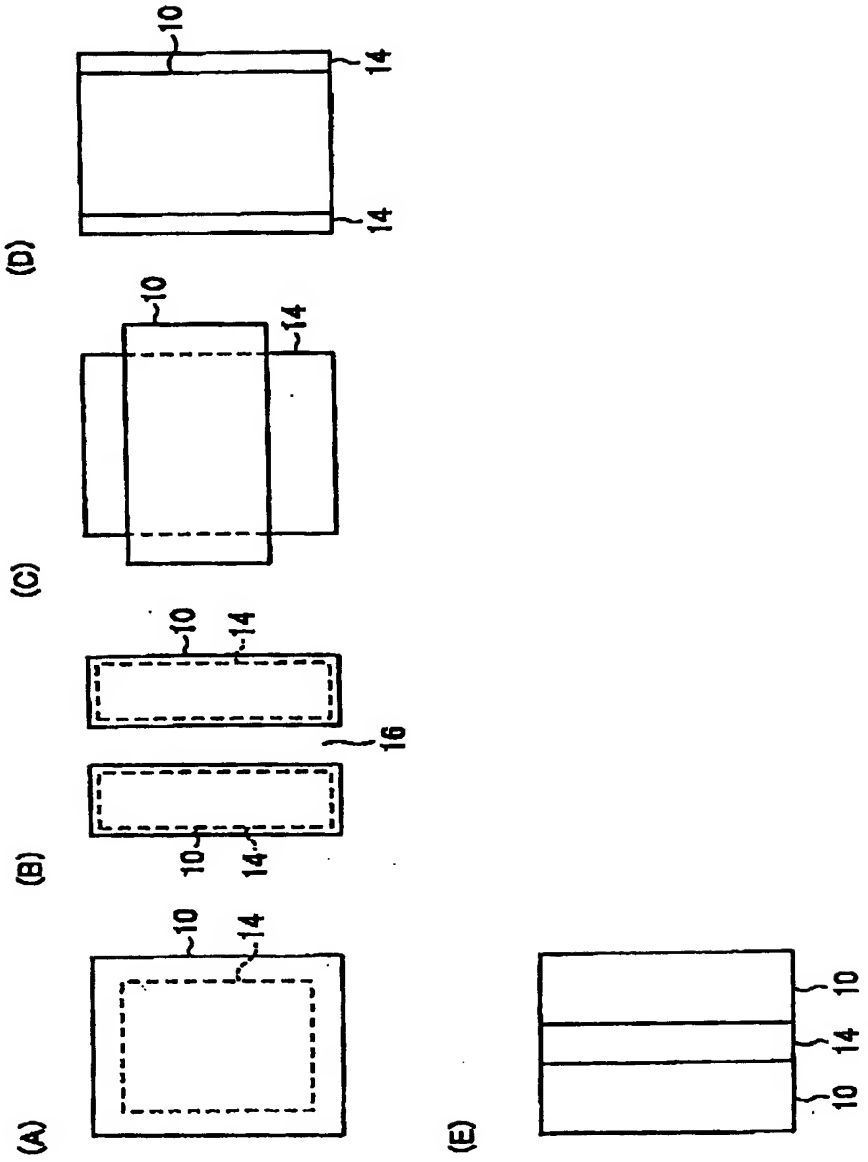


FIG. 8

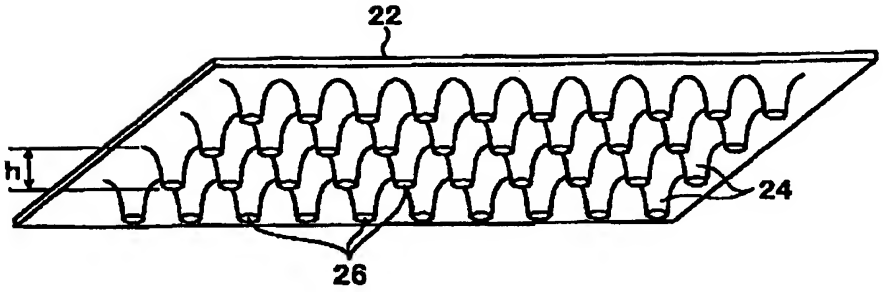


FIG. 9

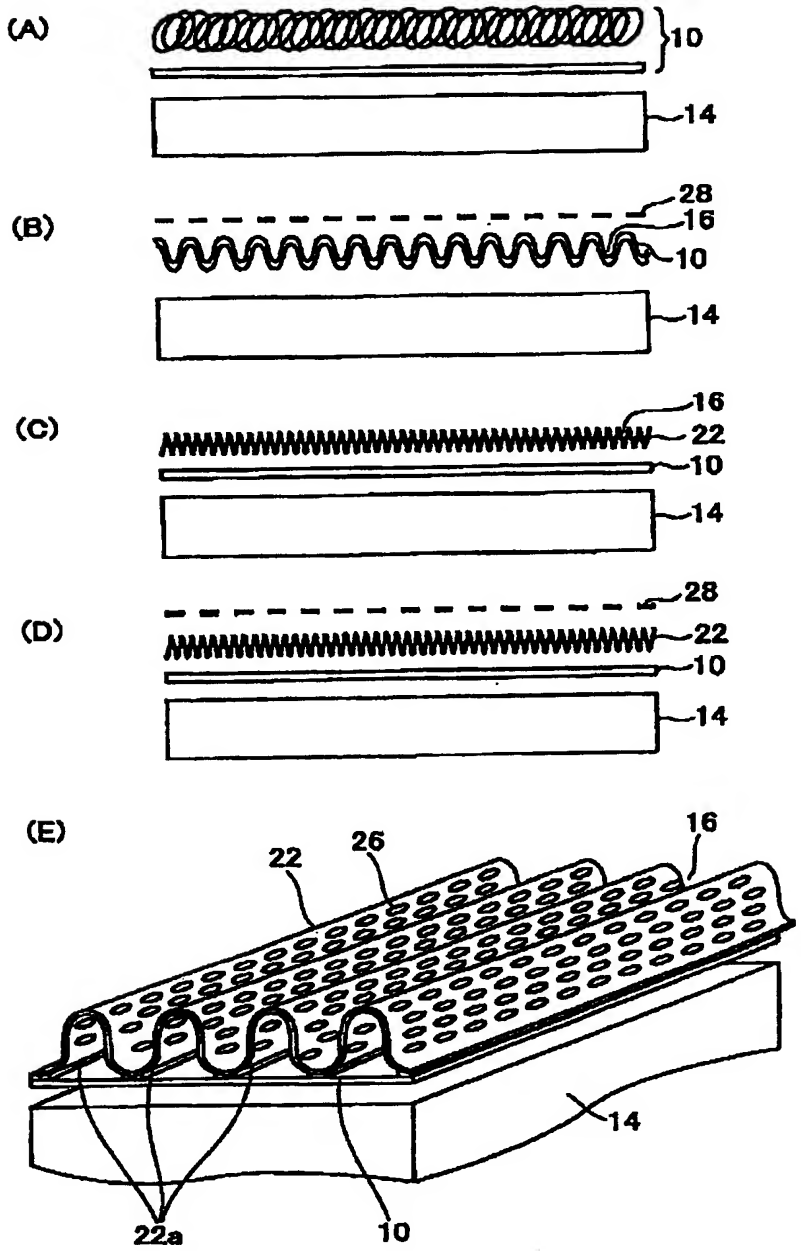


FIG.10

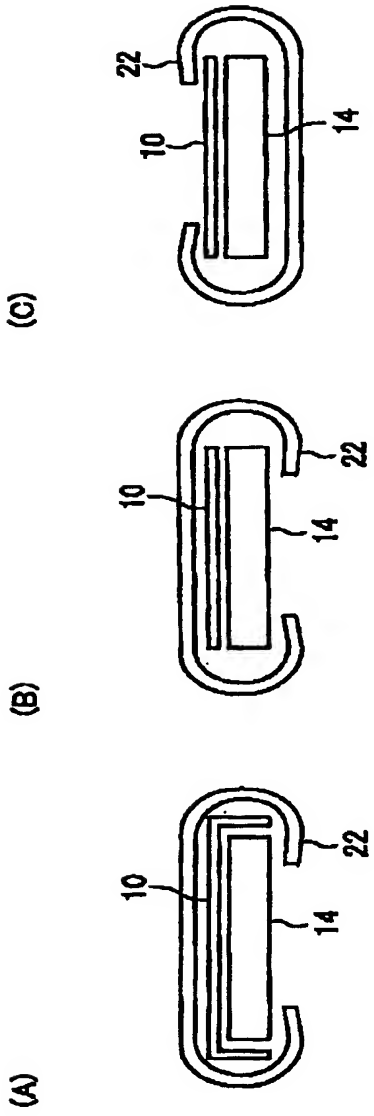


FIG. 12

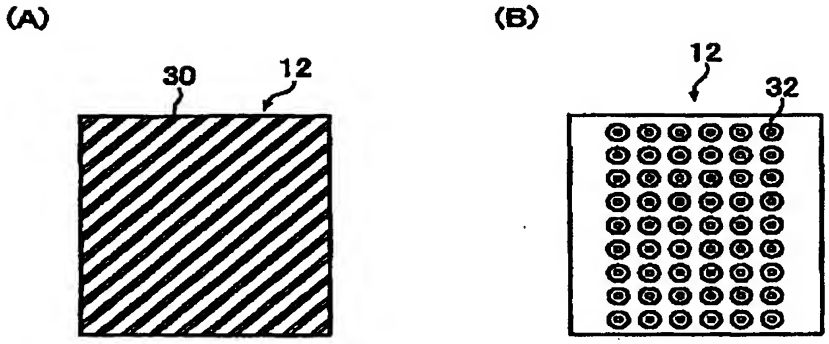


FIG.13

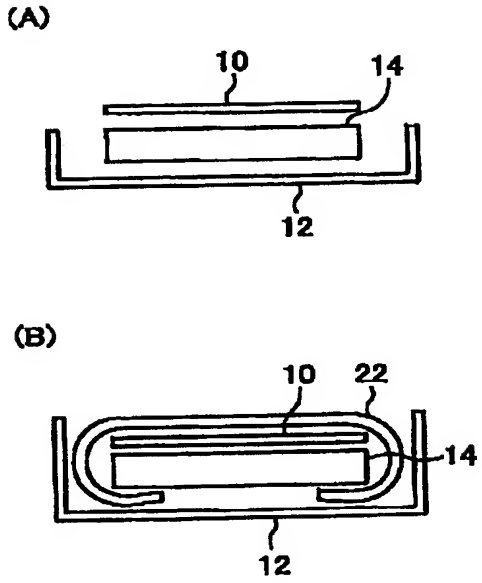
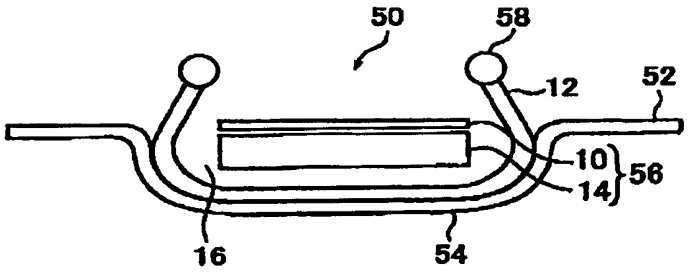


FIG.15

(A)



(B)

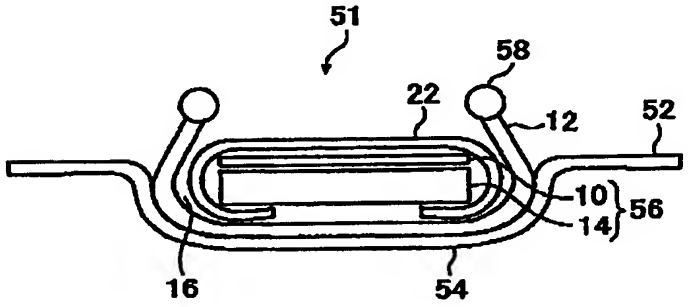


FIG. 15

(C)

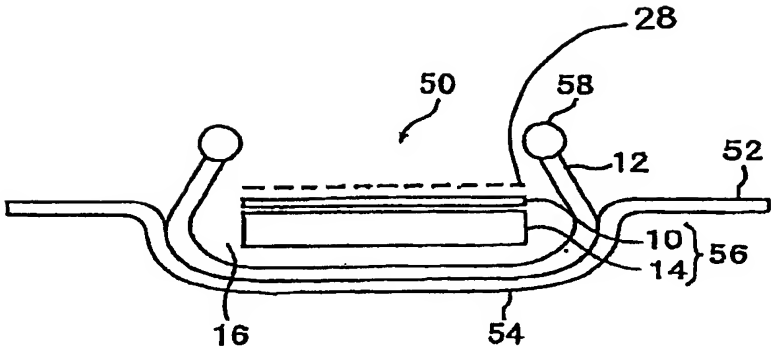
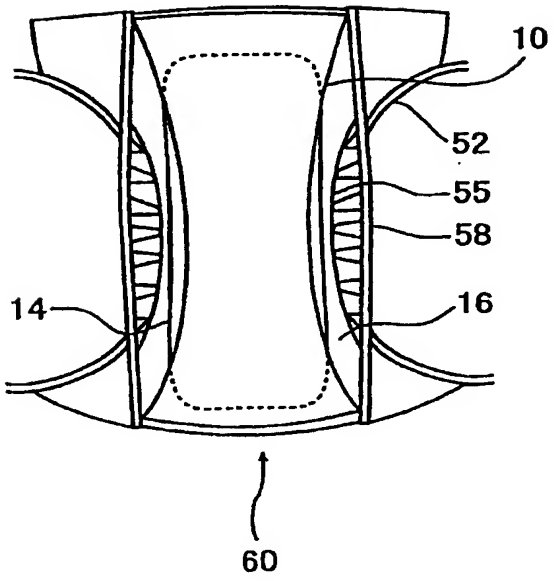


FIG. 16

(A)



(B)

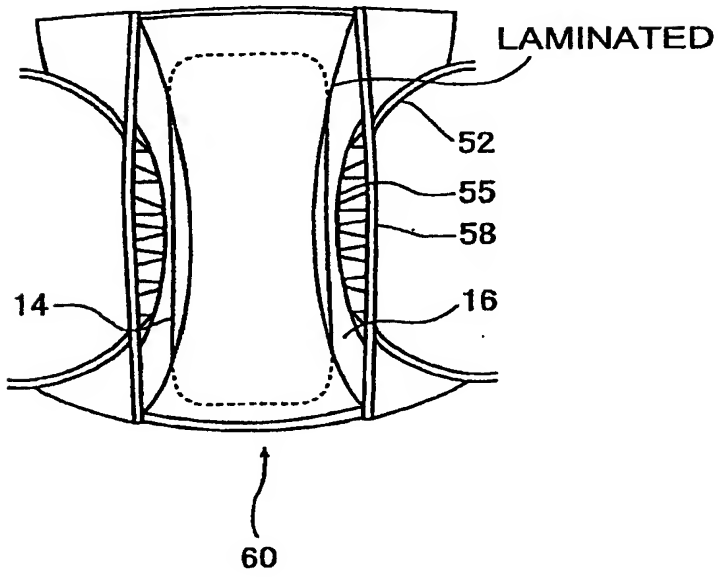
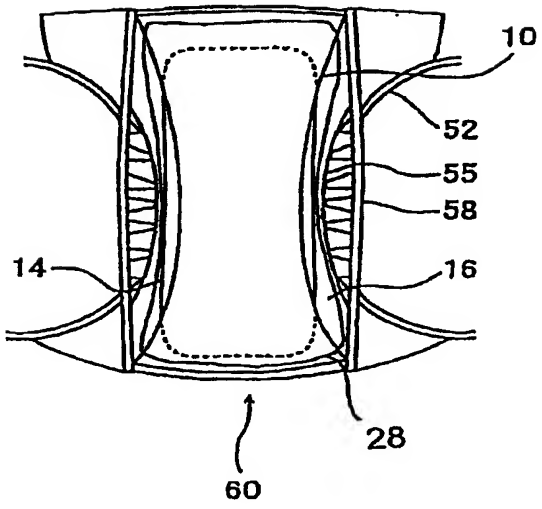


FIG. 16

(C)



(D)

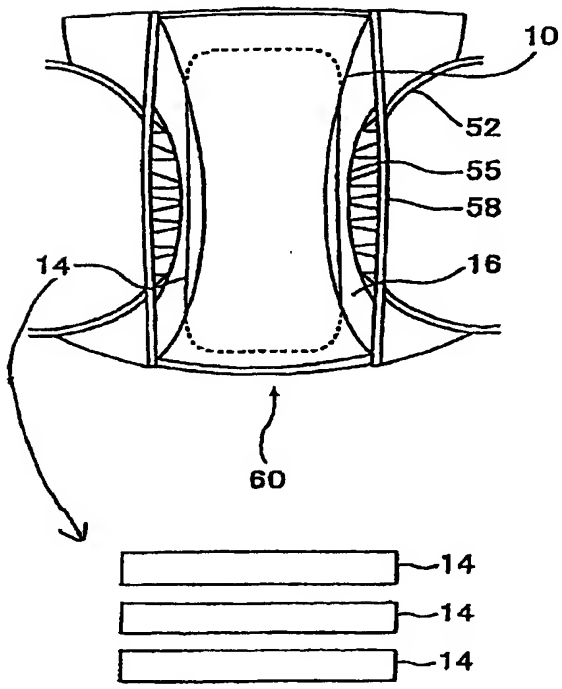


FIG.17

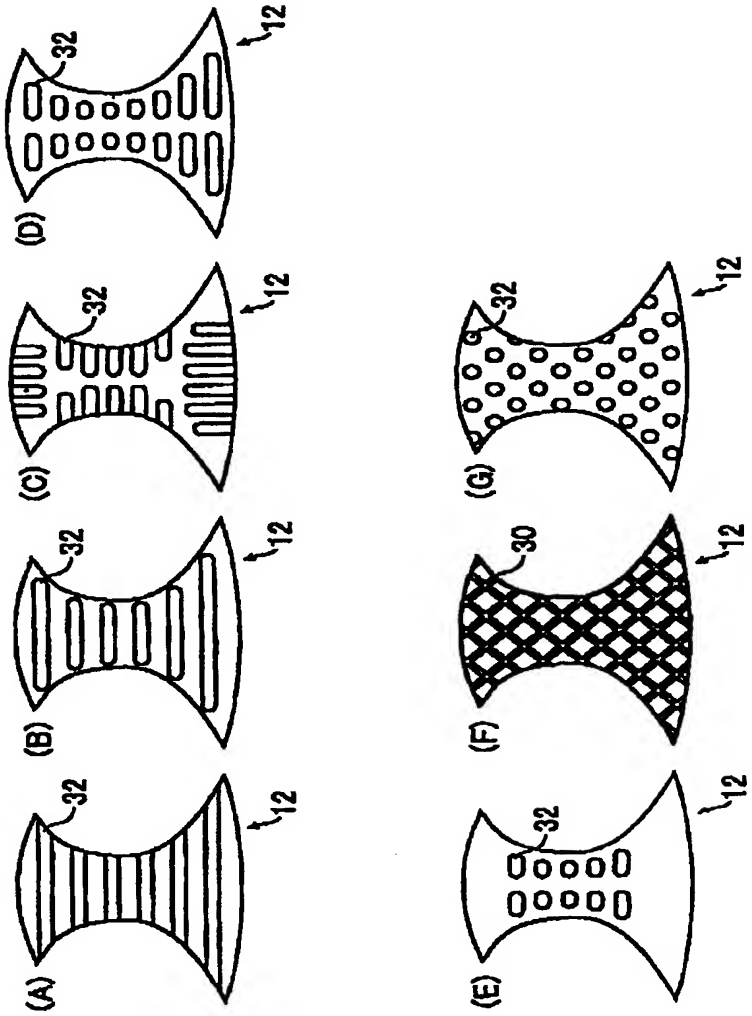
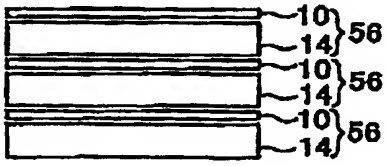
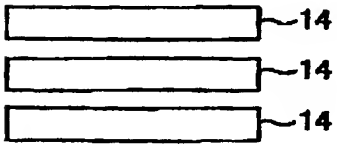


FIG. 18

(A)


10
14
56
10
14
56
10
14
56

(B)


14
14
14

(C)

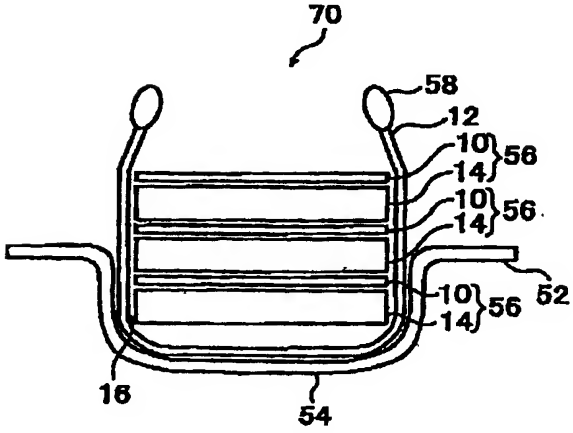

70
58
12
10
14
56
10
14
56
10
14
56
52
16
54

FIG.19

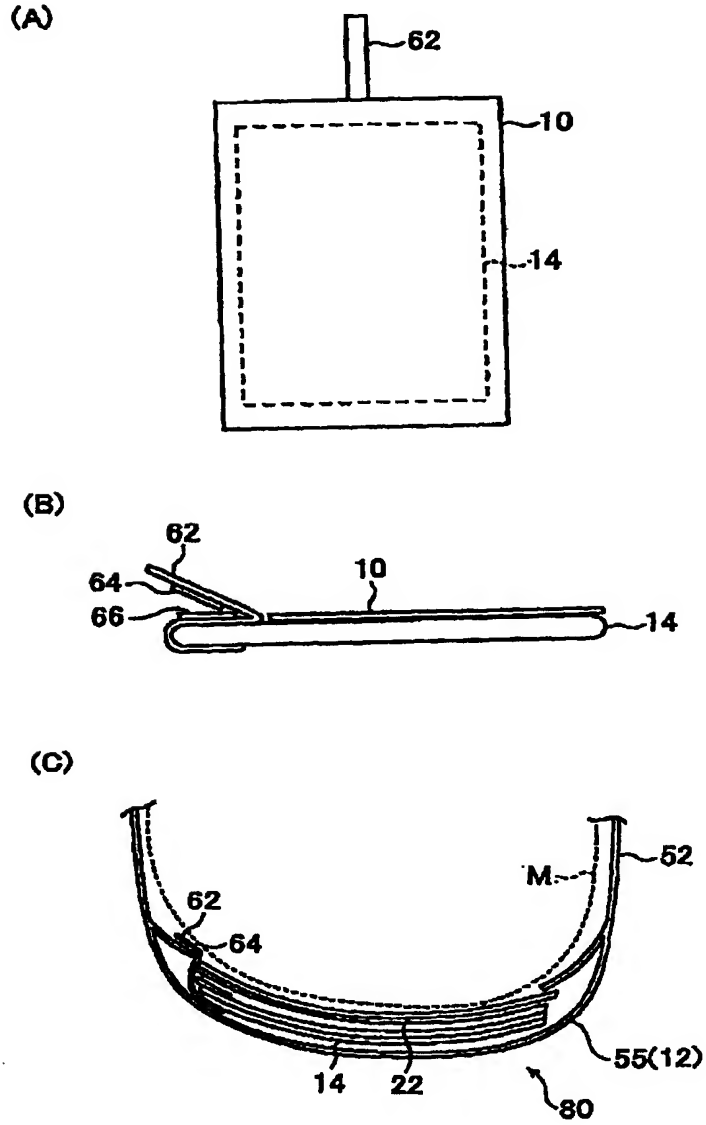


FIG. 20

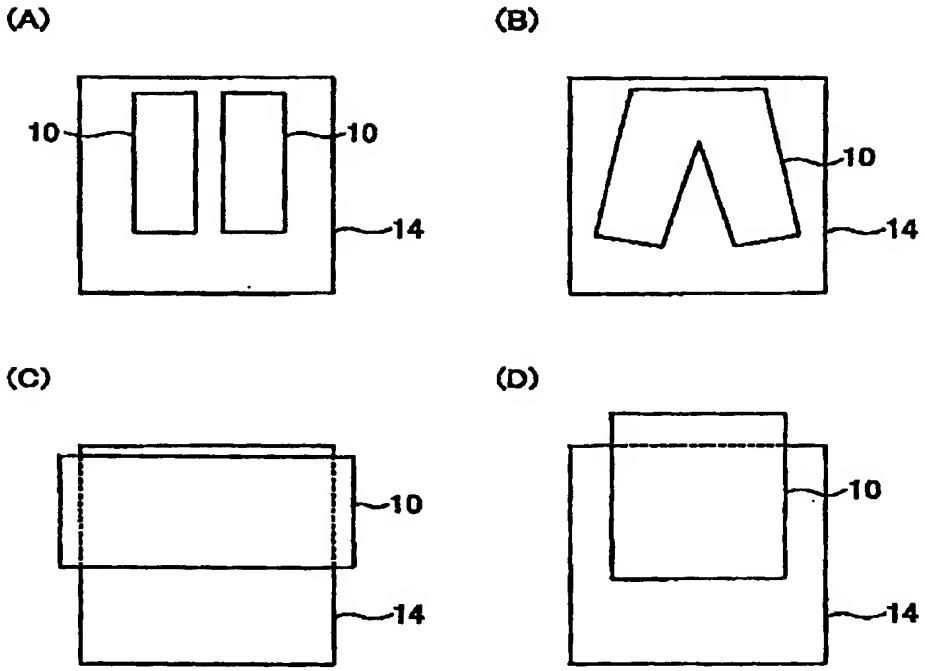


FIG. 21

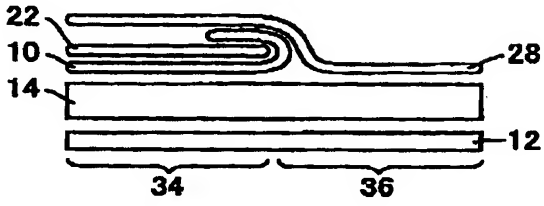


FIG. 22

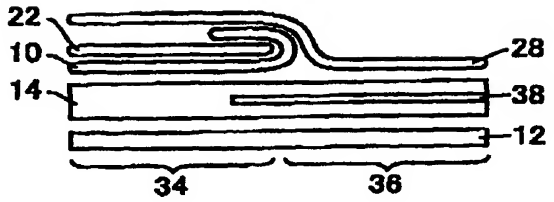

22
10
14
28
38
12
34
36

FIG. 23

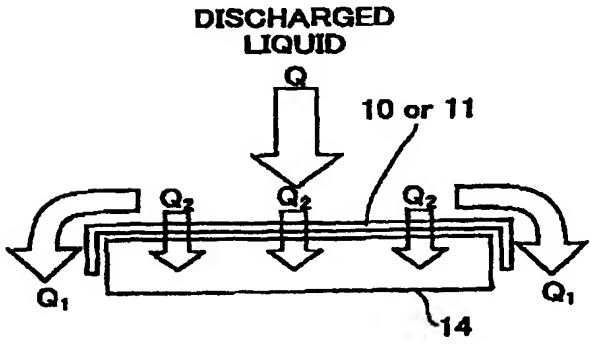

DISCHARGED LIQUID
Q
10 or 11
Q_2
Q_2
Q_2
Q_1
Q_1
14

FIG. 24

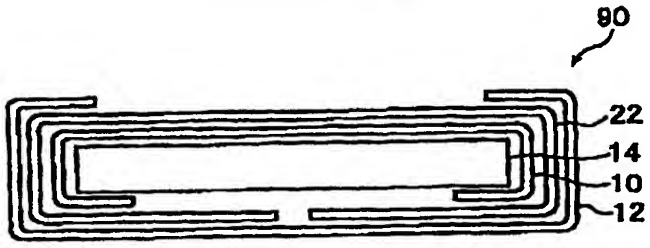
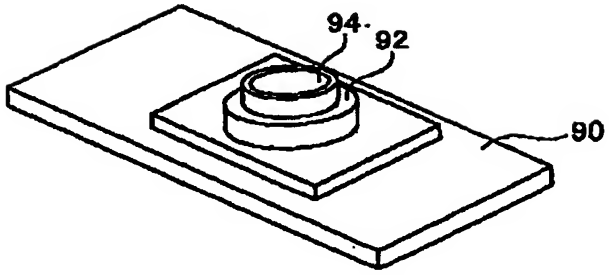


FIG. 25

(A)



(B)

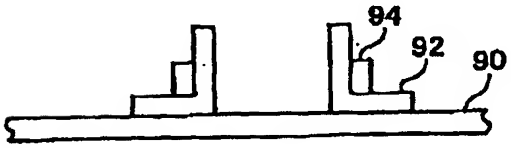


FIG. 26

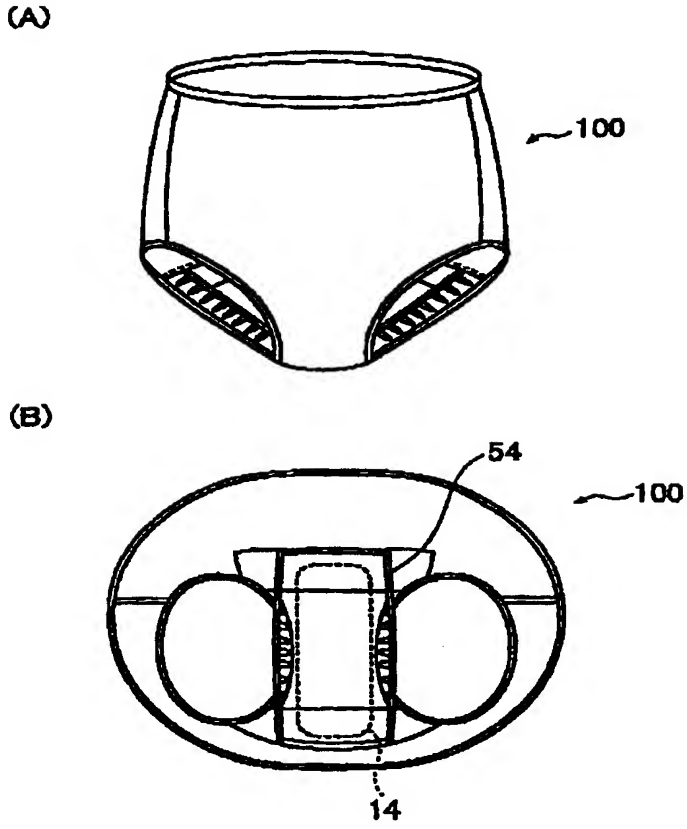
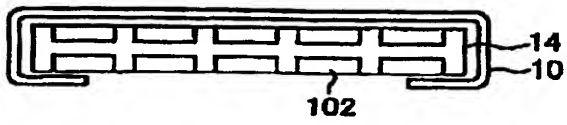
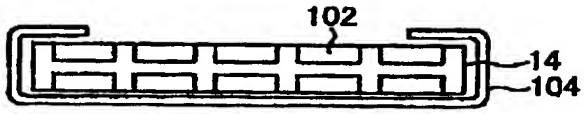


FIG. 27

(A)



(B)



(C)

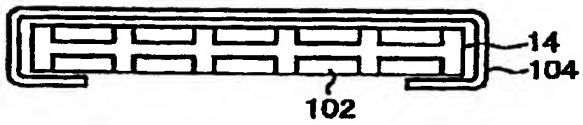
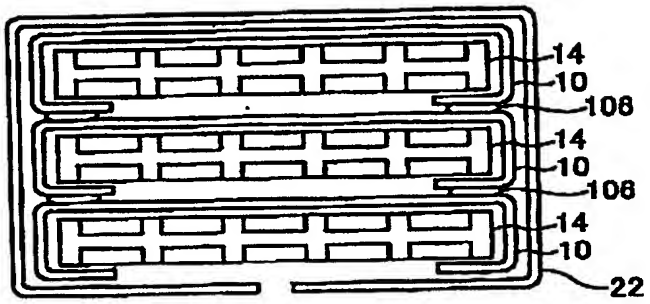
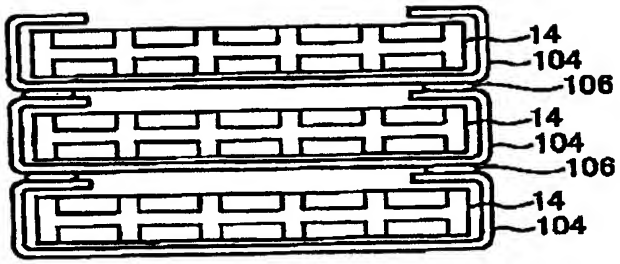


FIG. 28

(A)


14
10
106
14
10
106
14
10
22

(B)


14
104
106
14
104
106
14
104

(C)

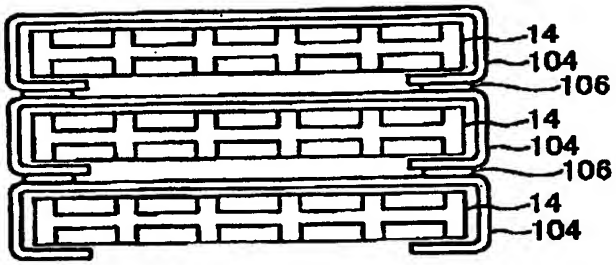

14
104
106
14
104
106
14
104

FIG. 29

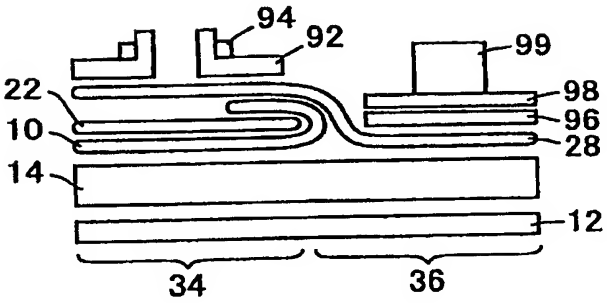
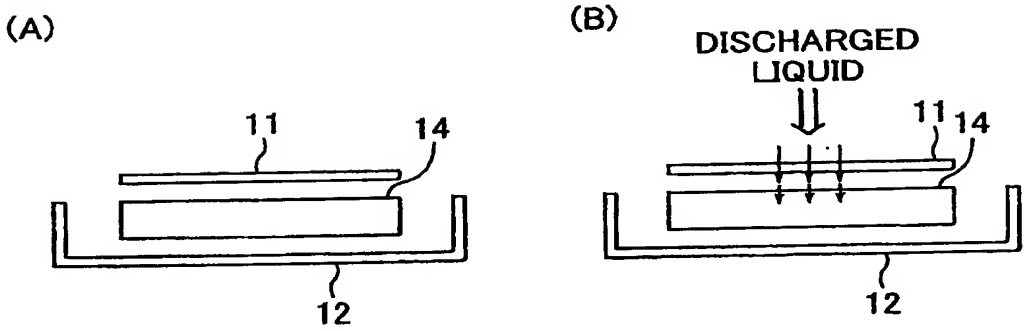


FIG. 30

Prior Art